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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

Andres Ref.: 894CIPRe: Attorney Docket No. 1052.051In re application of: George P. Vella-ColeiroSerial No.: 10/730,419Group No.: 2631Filed: 12/08/03Examiner: TBDFor: Digital Pre-Distortion for the Linearization of Power Amplifiers With Asymmetrical Characteristics**INFORMATION DISCLOSURE STATEMENT**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 CFR § 1.56, this is an Information Disclosure Statement (IDS) for the above-captioned U.S. patent application. An IDS Form PTO-1449 listing references is enclosed herewith and forms a part hereof. Submission of references is not an admission that those references are in fact prior art.

Certification Under 37 CFR § 1.704(d)

- [ ] Each item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of this statement.

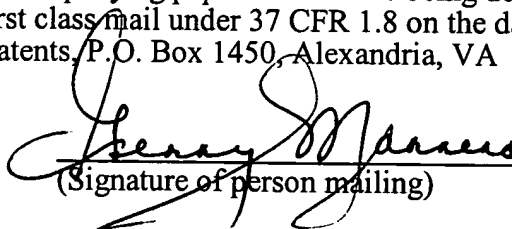
Certification Under 37 CFR § 1.97(e)

- [ ] Each item of information contained in this statement was either (1) cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement or (2) not known to any individual designated in § 1.56(c) more than three months prior to the filing of this statement.

\* \* \* \* \*

Certification Under 37 CFR 1.8Date of Deposit 6/18/04

I hereby certify that this paper and any accompanying papers or fees are being deposited with the U.S. Postal Service with sufficient postage as first class mail under 37 CFR 1.8 on the date indicated above and addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Gerry Marrero  
(Name of person mailing)  
(Signature of person mailing)

Fee Under 37 CFR § 1.97(c)

- ☐ The fee for submission of this IDS under § 1.97(c) is \$180.00 as set forth in § 1.17(p).

Petition Under 37 CFR § 1.97(d)

- ☐ This is a petition requesting consideration of an IDS under § 1.97(d). The petition fee for submission of this IDS under § 1.97(d) is \$180.00 as set forth in § 1.17(p).

Provision of Copies of References

- ☐ A copy of each of the listed references is enclosed herewith and forms a part hereof.
- ☐ A translation of each of Reference(s) \_\_ is enclosed herewith and forms a part hereof.
- ☐ A copy of the International Search Report from a corresponding PCT application is enclosed herewith.
- ☐ A copy of the European Search Report from a corresponding EPO application is enclosed herewith.
- ☒ The above-captioned U.S. patent application is a
- ☒ continuation
  - ☐ divisional
  - ☐ continuation-in-part

application of U.S. application serial number 10/607,924, filed on 06/27/03 as Attorney Docket No. 1052.024. References AA to AS was previously cited by or submitted to the Office in the prior application. The above-captioned U.S. patent application relies upon the prior application for an earlier filing date under 35 U.S.C. 120. Pursuant to § 1.98(d), copies of the listed references are not being provided with this IDS.

Authorization To Charge Deposit Account

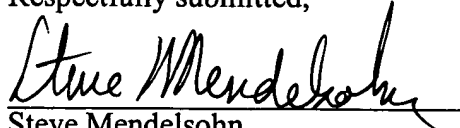
- ☒ Authorization is given to charge the deposit account of **Mendelsohn & Associates, P.C. Deposit Account No. 50-0782** for any fee under § 1.97(c) or § 1.97(d).

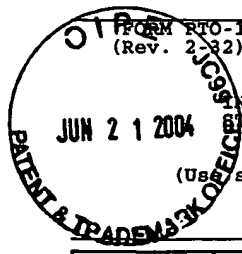
It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449 form as confirmation that each of the documents has been considered.

Date: 6/18/04  
Customer No. 22186  
Mendelsohn & Associates, P.C.  
1515 Market Street, Suite 715  
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Enclosures

Respectfully submitted,

  
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Registration No. 35,951  
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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(Rev. 2-82) PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

SERIAL NO.

1052.051

10/730,419

APPLICANT

George P. Vella-Coleiro

FILING DATE

GROUP

12/08/03

2631

U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER    | DATE    | NAME             | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|----|--------------------|---------|------------------|-------|----------|-------------------------------|
|                     | AA | US 2003/0076896 A1 | 04/2003 | Ball et al.      | 375   | 297      |                               |
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|  |    | DOCUMENT NUMBER | DATE    | COUNTRY | CLASS | SUBCLASS | TRANSLATION<br>YES<br>NO |
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|  | AQ | EP 1 085 668 A2 | 03/2001 | EPO     |       |          |                          |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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|  | AR | "An Efficient Adaptive Predistorter for Nonlinear High Power Amplifier in Satellite Communication", by Kang H.W. et al., 1997 IEEE International Symposium on Circuits and Systems, June 9-12, 1997, pp. 228-2291, XP-0000804798, New York. |
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|----------|-----------------|
| EXAMINER | DATE CONSIDERED |
|----------|-----------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Andrew Ref.: 894CIP

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(Rev. 2-32) PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER    | DATE    | NAME          | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
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## FOREIGN PATENT DOCUMENTS

|  |    | DOCUMENT NUMBER | DATE    | COUNTRY       | CLASS | SUBCLASS | TRANSLATION<br>YES NO |
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|  | BL | GB 2 348 755 A  | 10/2000 | Great Britian |       |          |                       |
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|  | BM |  | "A simplex method for function minimization", by J.A. Nelder and R. Mead, Computer Journal, Vol. 7 (1965), pgs. 308-313. |
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EXAMINER

DATE CONSIDERED

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